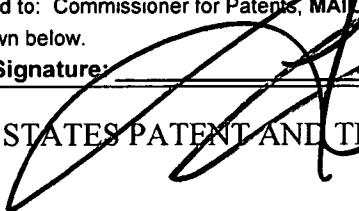


Rec'd PCT/PTO 21 JUL 2005

PATENT  
Docket No. 506612000103

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 990 376 154 US, in an envelope addressed to: Commissioner for Patents, MAIL STOP: PCT/DO/EO/US, P.O. BOX 1450, Alexandria, VA 22313-1450, on the date shown below.  
Dated: July 21, 2005 Signature:  (LILIA OLSEN)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Jay WOHLGEMUTH et al.

Serial No.: 10/512,028

Filing Date: April 24, 2003 (PCT/US03/13015)

For:

METHODS AND COMPOSITIONS FOR  
DIAGNOSING AND MONITORING  
AUTO IMMUNE AND CHRONIC  
INFLAMMATORY DISEASES

Examiner: Not Yet Assigned

Group Art Unit: Not Yet Assigned

INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98

MS BOX PCT/DO/EO/US  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO/SB/08a/b. Copies of the documents were previously submitted in an Information Disclosure Statement and/or Office Action, directed to the related application Serial Number 10/131,827 filed April 24, 2002, and, accordingly, copies are not included herewith. This protocol conforms with 37 C.F.R. §1.98(d) and M.P.E.P. 609(A)(2). The Examiner is requested to make these documents of record in the application.

sf-1864910

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.M./

This Information Disclosure Statement is submitted:

- With the application; accordingly, no fee or separate requirements are required.
- Before the mailing of a first Office Action after the filing of a Request for Continued Examination under § 1.114. However, if applicable, a certification under 37 C.F.R. § 1.97 (e)(1) has been provided.
- Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required. However, if applicable, a certification under 37 C.F.R. § 1.97 (e)(1) has been provided.**
- After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
  - A fee is required. A check in the amount of \_\_ is enclosed.
  - A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
  - A Certification under 37 C.F.R. § 1.97(e) is provided above; accordingly; no fee is believed to be due.
- After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
  - A Certification under 37 C.F.R. § 1.97(e) is provided above and a check in the amount of \_\_ is enclosed.
  - A Certification under 37 C.F.R. § 1.97(e) is provided above and a Fee Transmittal form (PTO/SB/17 is attached to this submission in duplicate.)

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent Office determines that an extension and/or other relief (such as payment of a fee under 37 C.F.R. § 1.17 (p)) is required, Applicants petitions for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing 506612000103. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: July 21, 2005

Respectfully submitted,

By Michael R. Ward  
Michael R. Ward  
Registration No.: 38,651  
MORRISON & FOERSTER LLP  
425 Market Street  
San Francisco, California 94105  
(415) 268-6237

sf-1864910

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.M./

Substitute for form 1449/PTO				<b>Complete if Known</b>	
				Application Number	10/512,028
				Filing Date	April 24, 2003
				First Named Inventor	Jay WOHLGEMUTH
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	1	of	16	Attorney Docket Number	506612000103

<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	1.	4,190,535	2/26/1980	Luderer et al.	
	2.	4,350,593	9/21/1982	Kessler	
	3.	4,358,535	11/9/1982	Falkow et al.	
	4.	4,582,789	4/15/1986	Sheldon, III et al.	
	5.	4,683,195	7/28/1987	Mullis et al.	
	6.	4,683,202	7/28/1987	Mullis	
	7.	4,751,001	6/14/1988	Saunders	
	8.	4,762,780	8/9/1988	Spector et al.	
	9.	4,789,630	12/6/1988	Bloch et al.	
	10.	4,800,159	1/24/1989	Mullis et al.	
	11.	4,818,418	4/4/1989	Saunders	
	12.	4,843,155	6/27/1989	Chomczynski	
	13.	4,889,818	12/26/1989	Gelfand et al.	
	14.	4,908,318	3/13/1990	Lerner	
	15.	4,946,952	8/7/1990	Kiefer	
	16.	4,965,188	10/23/1990	Mullis et al.	
	17.	5,053,134	10/1/1991	Luderer et al.	
	18.	5,063,162	11/5/1991	Kiefer	
	19.	5,066,584	11/19/1991	Gyllenstein et al.	
	20.	5,075,216	12/24/1991	Innis et al.	
	21.	5,079,352	1/7/1992	Gelfand et al.	
	22.	5,091,310	2/25/1992	Innis	
	23.	5,142,033	8/25/1992	Innis	
	24.	5,143,854	9/1/1992	Pirring et al.	
	25.	5,210,015	5/11/1993	Gelfand et al.	
	26.	5,212,071	5/18/1993	Fearon et al.	

Examiner Signature	/James Martinell/	Date Considered	09/15/2008
--------------------	-------------------	-----------------	------------

sf-1834604

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.M./

Substitute for form 1449/PTO				<i>Complete if Known</i>	
				Application Number	10/512,028
				Filing Date	April 24, 2003
				First Named Inventor	Jay WOHLGEMUTH
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	2	of	16	Attorney Docket Number	506612000103

27.	5,215,882	6/1/1993	Bahl et al.	
28.	5,219,727	6/15/1993	Wang et al.	
29.	5,264,351	11/23/1993	Harley	
30.	5,278,043	1/11/1994	Bannwarth et al.	
31.	5,310,652	5/10/1994	Gelfand et al.	
32.	5,314,809	5/24/1994	Erlich et al.	
33.	5,322,770	6/21/1994	Gelfand	
34.	5,340,720	08/23/1994	Stetler	
35.	5,352,600	10/4/1994	Gelfand et al.	
36.	5,374,553	12/20/1994	Gelfand et al.	
37.	5,385,824	1/31/1995	Hoet et al.	
38.	5,389,512	2/14/1995	Sninsky et al.	
39.	5,393,672	2/28/1995	Van Ness et al.	
40.	5,405,774	4/11/1995	Abramson et al.	
41.	5,407,800	4/18/1995	Gelfand et al.	
42.	5,411,876	5/2/1995	Bloch et al.	
43.	5,418,149	5/23/1995	Gelfand et al.	
44.	5,420,029	5/30/1995	Gelfand et al.	
45.	5,455,170	<del>8/23/1995</del>	Abramson et al.	
46.	5,445,940	<del>10/23/1995</del>	Brenner et al.	
47.	5,459,037	10/17/1995	Sutcliffe et al.	
48.	5,466,591	11/14/1995	Abramson et al.	
49.	5,468,613	11/21/1995	Erlich et al.	
50.	5,476,774	12/19/1995	Wang et al.	
51.	5,487,970	1/30/1996	Rowley et al.	
52.	5,487,972	1/30/1996	Gelfand et al.	
53.	5,491,063	2/13/1996	Fisher et al.	
54.	5,491,086	2/13/1996	Gelfand et al.	

Examiner Signature	/James Martinell/	Date Considered	09/15/2008
--------------------	-------------------	-----------------	------------

sf-1834604

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.M./

Substitute for form 1449/PTO				<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				Application Number	10/512,028
Sheet	3	of	16	Filing Date	April 24, 2003
				First Named Inventor	Jay WOHLGEMUTH
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	506612000103

55.	5,501,963	3/26/1996	Burckhardt	
56.	5,512,462	4/30/1996	Cheng	
57.	5,514,556	5/7/1996	Shearer et al.	
58.	5,538,848	7/23/1996	Livak et al.	
59.	5,561,058	10/1/1996	Gelfand et al.	
60.	5,565,339	10/15/1996	Bloch et al.	
61.	5,569,583	10/29/1996	Greenberg et al.	
62.	5,571,673	11/5/1996	Picone	
63.	5,573,906	11/12/1996	Bannworth et al.	
64.	5,604,099	2/18/1997	Erlich et al.	
65.	5,618,703	4/8/1997	Gelfand et al.	
66.	5,618,711	4/8/1997	Gelfand et al.	
67.	5,624,833	4/29/1997	Gelfand et al.	
68.	5,635,365	6/3/1997	Ansari et al.	
69.	5,641,864	6/24/1997	Gelfand	
70.	5,658,744	8/19/1997	Ochoa et al.	
71.	5,665,551	9/9/1997	Gelfand et al.	
72.	5,674,738	10/7/1997	Abramson et al.	
73.	5,677,152	10/14/1997	Birch et al.	
74.	5,693,517	12/2/1997	Gelfand et al.	
75.	5,707,807	1/13/1998	Kato	
76.	5,716,787	2/10/1998	Dunn et al.	
77.	5,721,351	2/24/1998	Levinson	
78.	5,766,585	6/16/1998	Evans et al.	
79.	5,773,258	6/30/1998	Birch et al.	
80.	5,789,224	8/4/1998	Gelfand et al.	
81.	5,795,762	8/18/1998	Abramson et al.	
82.	5,804,375	9/8/1998	Gelfand et al.	

Examiner Signature	/James Martinell/	Date Considered	09/15/2008
-----------------------	-------------------	--------------------	------------

sf-1834604

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.M./

Substitute for form 1449/PTO				<b>Complete if Known</b>	
				Application Number	10/512,028
				Filing Date	April 24, 2003
				First Named Inventor	Jay WOHLGEMUTH
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	4	of	16	Attorney Docket Number	506612000103

83.	5,807,522	9/15/1998	Brown et al.	
84.	5,811,284	9/22/1998	Chang et al.	
85.	5,837,832	11/17/1998	Chee et al.	
86.	5,939,270	8/17/1999	Haunsø et al.	
87.	5,939,292	8/17/1999	Gelfand et al.	
88.	5,958,342	9/28/1999	Gamble et al.	
89.	5,958,688	9/28/1999	Eberwine et al.	
90.	5,965,366	10/12/1999	Ochoa et al.	
91.	5,968,799	10/19/1999	Gelfand et al.	
92.	5,973,137	10/26/1999	Heath	
93.	5,981,481	11/9/1999	Fearon et al.	
94.	5,994,056	11/30/1999	Higuchi	
95.	5,994,076	11/30/1999	Chenchik et al.	
96.	6,001,611	12/14/1999	Will	
97.	6,004,755	12/21/1999	Wang	
98.	6,010,853	1/4/2000	Kanteti et al.	
99.	6,020,186	2/1/2000	Henco et al.	
100.	6,033,860	3/7/2000	Lockhart et al.	
101.	6,040,138	3/21/2000	Lockhart et al.	
102.	6,040,166	3/21/2000	Erlich et al.	
103.	6,045,996	4/04/2000	Cronin et al.	
104.	6,048,695	4/11/2000	Bradley et al.	
105.	6,048,709	4/11/2000	Falb	
106.	6,060,240	5/9/2000	Kamb et al.	
107.	6,066,322	5/23/2000	Levinson	
108.	6,066,498	5/23/2000	Levinson	
109.	6,084,083	7/4/2000	Levinson	
110.	6,087,112	7/11/2000	Dale	

Examiner Signature	/James Martinell/	Date Considered	09/15/2008
-----------------------	-------------------	--------------------	------------

sf-1834604 ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.M./

Substitute for form 1449/PTO				<i>Complete if Known</i>	
				Application Number	10/512,028
				Filing Date	April 24, 2003
				First Named Inventor	Jay WOHLGEMUTH
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	5	of	16	Attorney Docket Number	506612000103

	111.	6,087,477	7/11/2000	Falb et al.	
	112.	6,090,556	7/18/2000	Kato	
	113.	6,099,823	8/8/2000	Falb	
	114.	6,124,433	9/26/2000	Falb et al.	
	115.	6,127,155	10/3/2000	Gelfand et al.	
	116.	6,146,828	11/14/2000	Lapidus et al.	
	117.	6,150,121	11/21/2000	Hamawy et al.	
	118.	6,156,887	12/5/2000	Levinson	
	119.	6,162,604	12/19/2000	Jacob	
	120.	6,168,933 B1	1/2/2001	Kaser et al.	
	121.	6,171,785 B1	1/9/2001	Higuchi	
	122.	6,177,254 B1	1/23/2001	Rattner et al.	
	123.	6,187,534 B1	2/13/2001	Strom et al.	
	124.	6,190,857 B1	2/20/2001	Ralph et al.	
	125.	6,190,872 B1	2/20/2001	Slotman	
	126.	6,194,158 B1	2/27/2001	Kroes et al.	
	127.	6,197,563 B1	3/6/2001	Erlich et al.	
	128.	6,204,371 B1	3/20/2001	Levinson	
	129.	6,214,979 B1	4/10/2001	Gelfand et al.	
	130.	6,218,122 B1	4/17/2001	Friend et al.	
	131.	6,225,084 B1	5/1/2001	Falb et al.	
	132.	6,225,093 B1	5/1/2001	Grant et al.	
	133.	6,228,628 B1	5/8/2001	Gelfand et al.	
	134.	6,242,185 B1	6/5/2001	Kaser et al.	
	135.	6,245,334 B1	6/12/2001	Seilhammer et al.	
	136.	6,245,526 B1	6/12/2001	Yue et al.	
	137.	6,245,527 B1	6/12/2001	Busfield et al.	
	138.	6,248,527 B1	6/19/2001	Chen et al.	
	139.	6,248,528 B1	6/19/2001	Chen et al.	
	140.	6,251,597 B1	6/26/2001	Shyjan	

Examiner Signature	/James Martinell/	Date Considered	09/15/2008
-----------------------	-------------------	--------------------	------------

sf-1834604 ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.M./

Substitute for form 1449/PTO				<i>Complete if Known</i>	
				Application Number	10/512,028
				Filing Date	April 24, 2003
				First Named Inventor	Jay WOHLGEMUTH
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	6	of	16	Attorney Docket Number	506612000103

141.	6,262,244 B1	7/17/2001	Houchins et al.	
142.	6,274,312 B1	8/14/2001	Gish et al.	
143.	6,280,941 B1	8/28/2001	Tsao et al.	
144.	6,303,321 B1	10/16/2001	Tracey et al.	
145.	6,306,602 B1	10/23/2001	Sillekens et al.	
146.	6,365,352 B1	4/2/2002	Yerramilli, et al.	
147.	6,403,304 B1	6/11/2002	Stashenko et al.	
148.	6,410,319 B1	6/25/2002	Raubitschek et al.	
149.	2002/0042386 A1	4/11/2002	Rosen et al.	
150.	2002/0128436 A1	9/12/2002	Strom et al.	
151.	2002/0132235 A1	9/19/2002	Avihingsanon et al.	
152.	2004/0033498 A1	2/19/2004	Behrens et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
153.	EP 0 217 102 A2		4/8/1987		
154.	EP 0 217 992 A2		4/15/1987		
155.	EP 1 077 254 A2		2/12/2001		
156.	EP 1 162 276 A2		12/12/2001		
157.	WO 91/18626		12/12/1991		
158.	WO 95/17506		6/29/1995		
159.	WO 96/39536		12/12/1996		
160.	WO 97/30065		8/21/1997		
161.	WO 98/24935		6/11/1998		
162.	WO 99/10536		3/4/1999		
163.	WO 99/11782		3/11/1999		
164.	WO 99/15700		4/1/1999		
165.	WO 99/52541		10/21/1999		
166.	WO 99/57130		11/11/1999		
167.	WO 00/04191		1/27/2000		

Examiner Signature	/James Martinell/	Date Considered	09/15/2008
--------------------	-------------------	-----------------	------------

sf-1834604 ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.M./

Substitute for form 1449/PTO				<b>Complete if Known</b>	
				Application Number	10/512,028
				Filing Date	April 24, 2003
				First Named Inventor	Jay WOHLGEMUTH
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	7	of	16	Attorney Docket Number	506612000103

168.	WO 00/12753	3/9/2000			
169.	WO 00/23573	4/27/2000			
170.	WO 00/46372	8/10/2000			
171.	WO 00/52209	9/8/2000			
172.	WO 00/55375	9/21/2000			
173.	WO 00/63372	10/26/2000			
174.	WO 00/73498	12/07/2000			
175.	WO 00/78808	12/28/2000			
176.	WO 01/20004	3/22/2001			
177.	WO 01/23426	4/5/2001			
178.	WO 01/23564	4/5/2001			
179.	WO 01/25473	4/12/2001			
180.	WO 01/29269	4/26/2001			
181.	WO 01/32927	5/10/2001			
182.	WO 01/40302 A2	6/7/2001			
183.	WO 01/47944 A2	7/5/2001			
184.	WO 01/54733 A1	8/2/2001			
185.	WO 01/55164 A1	8/2/2001			
186.	WO 01/55201 A1	8/2/2001			
187.	WO 01/55203 A1	8/2/2001			
188.	WO 01/55205 A1	8/2/2001			
189.	WO 01/55328 A2	8/2/2001			
190.	WO 01/55368 A1	8/2/2001			
191.	WO 01/60860 A3	8/23/2001			
192.	WO 01/71005 A2	9/27/2001			
193.	WO 01/81916 A2	11/01/2001			
194.	WO 01/86003 A2	11/15/2001			
195.	WO 02/00677 A1	1/3/2002			
196.	WO 02/00928 A2	1/3/2002			
197.	WO 02/28999 A2	4/11/2002			

Examiner Signature	/James Martinell/	Date Considered	09/15/2008
--------------------	-------------------	-----------------	------------

sf-1834604 ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.M./

Substitute for form 1449/PTO				<b>Complete if Known</b>	
				Application Number	10/512,028
				Filing Date	April 24, 2003
				First Named Inventor	Jay WOHLGEMUTH
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	8	of	16	Attorney Docket Number	506612000103

\*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

<b>NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	198.	International Search Report mailed on September 30, 2004, for PCT patent application no. PCT/US03/13015, 4 pages.	
	199.	Abdallah, A. N. et al. (1997) "Evaluation of plasma levels of tumour necrosis factor alpha and interleukin-6 as rejection markers in a cohort of 142 heart-grafted patients followed by endomyocardial biopsy" <i>European Heart Journal</i> 18: 1024-1029.	
	200.	Ajjan, R. A. et al. (1996) "Intrathyroidal cytokine gene expression in Hashimoto's thyroiditis" <i>Clin. Exp. Immunol.</i> 105: 523-528.	
	201.	Akalin, Enver et al. (2001) "Gene Expression Analysis in Human Renal Allograft Biopsy Samples Using High-Density Oligoarray Technology" <i>Transplantation</i> 72 (5): 948-953.	
	202.	Alizadeh, A. A. et al. (2000) "Distinct types of diffuse large B-cell lymphoma identified by gene expression profiling" <i>Nature</i> 403: 503-11.	
	203.	Alizadeh, A. et al. (1998) "Probing Lymphocyte Biology by Genomic-Scale Gene Expression Analysis" <i>J. Clin. Immun.</i> 18: 373-379.	
	204.	Alizadeh, A. et al. (1999) "The Lymphochip: A Specialized cDNA Microarray for the Genomic-scale Analysis of Gene Expression in Normal and Malignant Lymphocytes" <i>Cold Spring Harbor Symposia on Quantitative Biology</i> 54, (New York: Cold Spring Harbor Laboratory Press): 71- 78.	
	205.	Alpert, Susan et al. (1995) "The Relationship of Granzyme A and Perforin Expression to Cardiac Allograft Rejection and Dysfunction" <i>Transplantation</i> 60 (12): 1478-1485.	
	206.	Arnett, F. C. et al. (1988) "The American Rheumatism Association 1987 revised criteria for the classification of rheumatoid arthritis" <i>Arthritis Rheum</i> 31: 315-24.	

Examiner Signature sf-1834604	/James Martinell/	Date Considered	09/15/2008
----------------------------------	-------------------	-----------------	------------

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.M./

Substitute for form 1449/PTO				<b>Complete if Known</b>	
				Application Number	10/512,028
				Filing Date	April 24, 2003
				First Named Inventor	Jay WOHLGEMUTH
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	9	of	16	Attorney Docket Number	506612000103

	207.	Autieri MV, Kelemen S, Thomas BA, Feller ED, Goldman BI, Eisen HJ. (2002) "Allograft inflammatory factor-1 expression correlates with cardiac rejection and development of cardiac allograft vasculopathy" <i>Circulation</i> 106(17):2218-23.	
	208.	Baechler, Emily C. et al. (2003) "Interferon-inducible gene expression signature in peripheral blood cells of patients with severe lupus" <i>Proc. Natl. Acad. Sci. USA</i> 100 (5): 2610-2615.	
	209.	Bave, U. (2000) "The combination of apoptotic U937 cells and lupus IgG is a potent IFN-alpha inducer" <i>J. Immunol.</i> 165: 3519-3526.	
	210.	Bave, U. (2001) "Activation of natural interferon-alpha producing cells by apoptotic U937 cells combined with lupus IgG and its regulation by cytokines" <i>J. Autoimmun.</i> 17: 71-80.	
	211.	Bittner, M. et al. (2000) "Molecular classification of cutaneous malignant melanoma by gene expression profiling" <i>Nature</i> 406: 536-540.	
	212.	Bombardier, C. et al. and the Committee on Prognosis Studies in SLE (1992) "Derivation of the SLEDAI, A Disease Activity Index for Lupus Patients" <i>Arthritis Rheum.</i> 35: 630-640.	
	213.	Chang, D. M. et al. (1996) "Cytokines and Cell Surface Markers in Prediction of Cardiac Allograft Rejection" <i>Immunological Investigations</i> 25 (1&2): 13-21.	
	214.	Chebath et al. (1987) "Four Different Forms of Interferon-induced 2', 5'-Oligo(A) Synthetase Identified by Immunoblotting in Human Cells," <i>J. Biol. Chem.</i> 262: 3852-2857.	
	215.	Creemers P, Brink J, Wainwright H, Moore K, Shephard E, Kahn D. (2002) "Evaluation of peripheral blood CD4 and CD8 lymphocyte subsets, CD69 expression and histologic rejection grade as diagnostic markers for the presence of cardiac allograft rejection" <i>Transpl Immunol.</i> 10(4):285-92.	
	216.	Damas, J. K. et al. (2001) "Enhanced gene expression of chemokines and their corresponding receptors in mononuclear blood cells in chronic heart failure--modulatory effect of intravenous immunoglobulin" <i>J. Am. Coll. Cardiol.</i> 38: 187-93.	
	217.	Database Gen Embl, US National Library of Medicine (Bathesda, MD, USA), No. AL 591031, 'Human DNA sequence from clone RP11-151d14 on chromosome 9q13-21.2, complete sequence', Sycamore, N., 10 October, 2001.	

Examiner Signature	/James Martinell/	Date Considered	09/15/2008
--------------------	-------------------	-----------------	------------

sf-1834604

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.M./

Substitute for form 1449/PTO				<b>Complete if Known</b>	
				Application Number	10/512,028
				Filing Date	April 24, 2003
				First Named Inventor	Jay WOHLGEMUTH
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	10	of	16	Attorney Docket Number	506612000103

218.	Davas, E.M. et al. (1999) "Serum IL-6, TNFalpha, p55 srTNFalpha, p75srTNFalpha, sIL-2alpha levels and disease activity in systemic lupus erythematosus" <i>Clin Rheumatol</i> 18 (1):17-22.	
219.	Deng, Mario C. et al. (1995) "The Relation of Interleukin-6, Tumor Necrosis factor- $\alpha$ , IL-2, and IL-2 Receptor Levels to Cellular Rejection, Allograft Dysfunction, and Clinical Events Early After Cardiac Transplantation" <i>Transplantation</i> 60 (10): 1118-1124.	
220.	Doi, S. et al. (1994) "Polymerase chain reaction quantification of cytokine messenger RNA expression in peripheral blood mononuclear cells of patients with acute exacerbations of asthma: effect of glucocorticoid therapy" <i>Clinical and Experimental Allergy</i> 24: 854-867.	
221.	Dugré, Francine J. (2000) "Cytokine and Cytotoxic Molecule Gene Expression Determined in Peripheral Blood Mononuclear Cells in the Diagnosis of Acute Renal Rejection" <i>Transplantation</i> 70 (7): 1074-1080.	
222.	Edman, C. F. et al. (1997) "Electric field directed nucleic acid hybridization on microchips" <i>Nucleic Acids Res.</i> 25: 4907-14.	
223.	Eisen, Michael B. et al. (1998) "Cluster analysis and display of genome-wide expression patterns" <i>Proc. Natl. Acad. Sci. USA</i> 95: 14863-14868.	
224.	Felson, D. T. et al. (1995) "American College of Rheumatology. Preliminary definition of improvement in rheumatoid arthritis" <i>Arthritis Rheum.</i> 38: 727-35.	
225.	Fu, Guoliang et al. (2002) "Representational difference analysis in a lupus-prone mouse strain results in the identification of an unstable region of the genome on chromosome 11" <i>Nucleic Acids Research</i> 30 (6): 1394-1400.	
226.	Gabay C. et al. (1997) "Circulating levels of tumor necrosis factor soluble receptors in systemic lupus erythematosus are significantly higher than in other rheumatic diseases and correlate with disease activity" <i>J Rheumatol</i> 24(2): 303-8.	
227.	Ghosh et al. (2001) "A Specific Isozyme of 2'-5' Oligoadenylate Synthetase Is a Dual Function Proapoptotic Protein of the Bcl-2 Family," <i>J. Biol. Chem.</i> 276(27): 25477-25455.	
228.	Golub, T. R. et al. (1999) "Molecular Classification of Cancer: Class Discovery and Class Prediction by Gene Expression Monitoring" <i>Science</i> 286: 531-7.	
229.	Grant, Simon C. D. et al. (1996) "Serum Cytokines in Human Heart Transplant Recipients" <i>Transplantation</i> 62 (4): 480-491.	

Examiner Signature	/James Martinell/	Date Considered	09/15/2008
--------------------	-------------------	-----------------	------------

sf-1834604

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.M./

Substitute for form 1449/PTO				<i>Complete if Known</i>	
				Application Number	10/512,028
				Filing Date	April 24, 2003
				First Named Inventor	Jay WOHLGEMUTH
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	11	of	16	Attorney Docket Number	506612000103

230.	Gullestad, L. et al. (1999) "Effect of High- Versus Low-Dose Angiotensin Converting Enzyme Inhibition on Cytokine Levels in Chronic Heart Failure" <i>J. Am. Coll. Cardiol.</i> 34: 2061-7.	
231.	Hastie, T. et al. (2000) "Gene shaving" as a method for identifying distinct sets of genes with similar expression patterns" <i>Genome Biol.</i> 1: RESEARCH0003.	
232.	Hastie, Trevor et al. (2001) "Supervised harvesting of expression trees" <i>Genome Biology</i> 2 (1): <a href="http://genomebiology.com/2001/2/1/research/0003">http://genomebiology.com/2001/2/1/research/0003</a> (4/25/02): 12 pages.	
233.	Heller, R. A. et al. (1997) "Discovery and analysis of inflammatory disease-related genes using cDNA microarrays" <i>Proc. Natl. Acad. Sci. U.S.A.</i> 94: 2150-2155.	
234.	Hendricks, DA et al. (1995) "Quantitation of HBV DNA in human serum using a branched DNA (bDNA) signal amplification assay" <i>Am J Clin Pathol</i> 104 (5): 537-46.	
235.	Higuchi et al. (1998), Chemical Abstracts 129: 342625: 7 pages.	
236.	Hooks, J.J. (1979) "Immune interferon in the circulation of patients with autoimmune disease" <i>N. Engl. J. Med.</i> 301: 5-8.	
237.	Hooks, J.J. et al. (1982) "Multiple interferons in the circulation of patients with systemic lupus erythematosus and vasculitis" <i>Arthritis Rheum.</i> 25: 396-400.	
238.	Hsieh, Hsian-Guey et al. (2001) "IL-17 expression as a possible predictive parameter for subclinical renal allograft rejection" <i>Transplant Int</i> 14: 287-298.	
239.	Iida, K. et al. (1982) "Complement receptor (CR1) deficiency in erythrocytes from patients with systemic lupus erythematosus" <i>J. Exp. Med.</i> 155: 1427-1438.	
240.	Jagota, Arun (2000) <u>Data Analysis and Classification for Bioinformatics.</u> Bioinformatics By The Bay Press: 92-93.	
241.	Kasprzycka, Monika et al. (2002) "Expression of FasL gene in T cells of renal allograft recipients" <i>Immunol. Lett.</i> 80 (1): 9-13.	
242.	Katz, Mitchell H (1999) <u>Multivariable Analysis: A Practical Guide for Clinicians.</u> Cambridge University Press: 36-42.	
243.	Khan, J. et al. (2001) "Classification and diagnostic prediction of cancers using gene expression profiling and artificial neural networks" <i>Nat. Med.</i> 7: 673-9.	
244.	Kimball, P. et al. (1995) "Cytokine Panel Predicts Early Rejection of Therapeutic Response After Cardiac Transplantation" <i>Transplantation Proceedings</i> 27 (1): 1286-1287.	

Examiner Signature	/James Martinell/	Date Considered	09/15/2008
--------------------	-------------------	-----------------	------------

sf-1834604

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.M./

Substitute for form 1449/PTO				<i>Complete if Known</i>	
				Application Number	10/512,028
				Filing Date	April 24, 2003
				First Named Inventor	Jay WOHLGEMUTH
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	12	of	16	Attorney Docket Number	506612000103

	245.	Kobashigawa, J. et al. (1998) "A Randomized Active-Controlled Trial of Mycophenolate Mofetil in Heart Transplant Recipients" <i>Transplantation</i> 66 (4): 507-515.	
	246.	Kumar et al. (2000) "Expansion and Molecular Evolution of the Interferon-Induced 2'-5' Oligoadenylate Synthetase Gene Family," <i>Mol. Biol. Evol.</i> 17: 738-750.	
	247.	Kumar et al. (1994) "Cell Cycle-dependent Modulation of $\alpha$ -Interferon-inducible Gene Expression and Activation of Signaling Components in Daudi Cells," <i>J. Biol. Chem.</i> 269, No. 41: 25437-25441.	
	248.	Legros-Maida, Sabine et al. (1994) "Granzyme B and perforin can be used as predictive markers of acute rejection in heart transplantation" <i>Eur. J. Immunol.</i> 24: 229-233.	
	249.	Li, B. et al. (2001) "Noninvasive diagnosis of renal-allograft rejection by measurement of messenger RNA for perforin and granzyme B in urine" <i>N. Engl. J. Med.</i> 344: 947-954.	
	250.	Liossis, S.N. (2001) "B-cell kinase lyn deficiency in patients with systemic lupus erythematosus" <i>J Investig Med.</i> 49 (2): 157-65.	
	251.	Loftus, B.J. et al. Genome Duplications and Other Features in 12 Mb of DNA sequence from Human Chromosome 16p and 16q <i>Genomics</i> . Vol. 60, pages 295-308 July 1999.	
	252.	Magnusson, M. et al. (2001) "Importance of CpG dinucleotides in activation of natural IFN-alpha-producing cells by a lupus-related oligodeoxynucleotide" <i>Scand. J. Immunol.</i> 54: 543-550.	
	253.	Marcelin, Anne-Genevieve et al. (2001) "Effects of Cyclosporine and Hydrocortisone on Kaposi's Sarcoma-Associated Herpesvirus Genome Replication and Cell Apoptosis Induction" <i>Transplantation</i> 72 (10): 1700-1708.	
	254.	Melter, Michael et al. (2001) "Expression of the Chemokine Receptor CXCR3 and Its Ligand IP-10 During Human Cardiac Allograft Rejection" <i>Circulation</i> 104: 2558-2564.	
	255.	Mohler, E. R. 3rd et al. "Role of Cytokines in the Mechanism of Action of Amlodipine: The PRAISE Heart Failure Trial" <i>J. Am. Coll. Cardiol.</i> 30 (1997): 35-41.	
	256.	Morita, Ken et al. (2001) "Early Chemokine Cascades in Murine Cardiac Grafts Regulate T Cell Recruitment and Progression of Acute Allograft Rejection" <i>J. Immunol.</i> 167: 2979-2984.	

Examiner Signature	/James Martinell/	Date Considered	09/15/2008
--------------------	-------------------	-----------------	------------

sf-1834604

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.M./

Substitute for form 1449/PTO				<b>Complete if Known</b>	
				Application Number	10/512,028
				Filing Date	April 24, 2003
				First Named Inventor	Jay WOHLGEMUTH
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	13	of	16	Attorney Docket Number	506612000103

	257.	Neto, E. D. et al. (2000). "Shotgun Sequencing of the Human Transcriptome with ORF Expressed Sequences Tags." <i>Proceedings of the National Academy of Sciences</i> , 97(7): 3491-3496.	
	258.	Nickel, Peter et al. (2001) "Cytotoxic Effector Molecule Gene Expression in Acute Renal Allograft Rejection" <i>Transplantation</i> 72 (6): 1158-1161.	
	259.	Oh, Se-II et al. (2001) "Correlation of Fas and Fas Ligand Expression with Rejection Status of Transplanted Heart in Human" <i>Transplantation</i> 71 (7): 906-909.	
	260.	Perou, C. M. et al. (2000) "Molecular portraits of human breast tumours" <i>Nature</i> 406: 747-52.	
	261.	Preble, O.T. (1982) "Systemic lupus erythematosus: presence in human serum of an unusual acid-labile leukocyte interferon" <i>Science</i> 216: 429-431.	
	262.	Pruitt, K. D. et al. (2000) "Introducing RefSeq and LocusLink: curated human genome resources at the NCBI" <i>Trends Genet.</i> 16: 44-47.	
	263.	Raychaudhuri, S. et al. (2001) "Basic microarray analysis: grouping and feature reduction" <i>Trends Biotechnol.</i> 19: 189-193.	
	264.	Rebouillat et al. (1999) "The 100-kDa 2',5'-Oligoadenylate Synthase Catalyzing Preferentially the Synthesis of Dimeric pppA2'p5'A Molecules Is Composed of Three Homologous Domains" <i>J. Biol. Chem.</i> 274 (3): 1557-1565.	
	265.	Rus, V et al. (2002) "Expression of cytokine- and chemokine-related genes in peripheral blood mononuclear cells from lupus patients by cDNA array" <i>Clin Immunol</i> 102 (3): 283-90.	
	266.	Saiura, Akio et al. (2001) "A Comparison of Gene Expression in Murine Cardiac Allografts and Isografts by Means DNA Microarray Analysis" <i>Transplantation</i> 72 (2): 320-329.	
	267.	Salmon, J. E. et al. (1996) "Fc-gamma-RILA alleles are heritable risk factors for lupus nephritis in African Americans" <i>J. Clin. Invest.</i> 97: 1348-1354.	
	268.	Schena, Mark et al. (1995) "Quantitative Monitoring of Gene Expression Patterns with a Complementary DNA Microarray" <i>Science</i> 270: 467-470.	
	269.	Schena, Mark et al. (1996) "Parallel human genome analysis: Microarray-based expression monitoring of 1000 genes" <i>Proc. Natl. Acad. Sci. USA</i> 93: 10614-10619.	

Examiner Signature	/James Martinell/	Date Considered	09/15/2008
--------------------	-------------------	-----------------	------------

sf-1834604

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.M./

Substitute for form 1449/PTO				<b>Complete if Known</b>	
				Application Number	10/512,028
				Filing Date	April 24, 2003
				First Named Inventor	Jay WOHLGEMUTH
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	14	of	16	Attorney Docket Number	506612000103

	270.	Schowengerdt et al (2000) "Increased expression of the lymphocyte early activation marker CD69 in peripheral blood correlates with histologic evidence of cardiac allograft rejection." <i>Transplantation</i> 69(10):2102-7	
	271.	Sharma, Vijay K. et al. (1996) "Molecular Executors of Cell Death-Differential Intrarenal Expression of Fas Ligand, Fas, Granzyme B, and Perforin During Acute and/or Chronic Rejection of Human Renal Allografts" <i>Transplantation</i> 62 (12): 1860-1866.	
	272.	Shi, S.N. (1987) "Serum interferon in systemic lupus erythematosus" <i>Br. J. Dermatol.</i> 117:155-159.	
	273.	Shirali, G. S. et al. (2001) "Association of viral genome with graft loss in children after cardiac transplantation" <i>N. Engl. J. Med.</i> 344: 1498-503.	
	274.	Shoker, Ahmed et al. (2000) "Heightened CD40 Ligand Gene Expression in Peripheral CD4+ Cells from Patients with Kidney Allograft Rejection" <i>Transplantation</i> 70 (3): 497-505.	
	275.	Shulzhenko, Natalia et al. (2001) "Intragraft Activation of Genes Encoding Cytotoxic T Lymphocyte Effector Molecules Precedes the Histological Evidence of Rejection in Human Cardiac Transplantation" <i>Transplantation</i> 72 (10): 1705-1708.	
	276.	Shulzhenko, Natalia et al. (2001) "Monitoring of Intragraft and Peripheral Blood TIRC7 Expression as a Diagnostic Tool for Acute Cardiac Rejection in Humans" <i>Human Immunology</i> 62: 342-347.	
	277.	Staudt, L. M. and P. O. Brown. (2000) "Genomic Views of the Immune System" <i>Annu. Rev. Immunol.</i> 18: 829-859.	
	278.	Strehlau, Jurgen et al. (1997) "Quantitative detection of immune activation transcripts as a diagnostic tool in kidney transplantation" <i>Proc. Natl. Acad. Sci. USA</i> 94: 695-700.	
	279.	Tan, E. M. et al. (1982) "The 1982 revised criteria for the classification of systemic lupus erythematosus" <i>Arthritis Rheum.</i> 25: 1271-7.	
	280.	Tan, LamChin et al. (2001) "Sequential Monitoring of Peripheral T-Lymphocyte Cytokine Gene Expression in the Early Post Renal Allograft Period" <i>Transplantation</i> 71: 751-759.	
	281.	Toogood, Giles J. et al. (1996) "The Immune Response Following Small Bowel Transplantation" <i>Transplantation</i> 62 (6): 851-855.	
	282.	Törönen, Petri et al. (1999) "Analysis of gene expression data using self-organizing maps" <i>FEBS Letters</i> 451: 142-146.	

Examiner Signature	/James Martinell/	Date Considered	09/15/2008
--------------------	-------------------	-----------------	------------

sf-1834604

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.M./

Substitute for form 1449/PTO				<b>Complete if Known</b>	
				Application Number	10/512,028
				Filing Date	April 24, 2003
				First Named Inventor	Jay WOHLGEMUTH
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	15	of	16	Attorney Docket Number	506612000103

283.	Torre-Amione, G. et al. (1996) "Proinflammatory cytokine levels in patients with depressed left ventricular ejection fraction: a report from the Studies of Left Ventricular Dysfunction (SOLVD)" <i>J. Am. Coll. Cardiol.</i> 27: 1201-6.	
284.	Tsutamoto, T. et al. (2000) "Angiotensin II type 1 receptor antagonist decreases plasma levels of tumor necrosis factor alpha, interleukin-6 and soluble adhesion molecules in patients with chronic heart failure" <i>J. Am. Coll. Cardio.</i> 35: 714-21.	
285.	Tusher, Virginia Goss et al. (2001) "Significance analysis of microarrays applied to the ionizing radiation response" <i>PNAS</i> 98 (9) 5116-5121.	
286.	Umek, R. M. et al. (2001) "Electronic detection of nucleic acids: a versatile platform for molecular diagnostics" <i>J. Mol. Diagn.</i> 3: 74-84.	
287.	Vallin, H. (1999) "Anti-double-stranded DNA antibodies and immunostimulatory plasmid DNA in combination mimic the endogenous IFN-alpha inducer in systemic lupus erythematosus" <i>J. Immunol.</i> 163: 6306-6313.	
288.	Vandevyver, Caroline et al. (1998) "Cytokine mRNA Profile of Myelin Basic Protein Reactive T-Cell Clones in Patients with Multiple Sclerosis" <i>Autoimmunity</i> 28: 77-89.	
289.	Vasconcellos, Lauro M. et al. (1998) "Cytotoxic Lymphocyte Gene Expression in Peripheral Blood Leukocytes Correlates with Rejecting Renal Allografts" <i>Transplantation</i> 66 (5): 562-566.	
290.	Vignali D. (2000) "Multiplexed particle-based flow cytometric assays" <i>J. Immun. Meth.</i> 243: 243-55.	
291.	Vincenti, F. et al. (2001) "Multicenter Trial Exploring Calcineurin Inhibitors Avoidance in Renal Transplantation" <i>Transplantation</i> 71 (9): 1282-1287.	
292.	Watanabe-Fukunaga, R. et al. (1992) "Lymphoproliferation disorder in mice explained by defects in Fas antigen that mediates apoptosis" <i>Nature</i> 356: 314-317.	
293.	Welsh, J. B. et al. (2001) "Analysis of gene expression profiles in normal and neoplastic ovarian tissue samples identifies candidate molecular markers of epithelial ovarian cancer" <i>Proc. Natl. Acad. Sci. U.S.A.</i> 98: 1176-81.	
294.	Westin L. et al. (2000) "Anchored multiplex amplification on a microelectronic chip array" <i>Nat. Biotechnol.</i> 18: 199-204.	
295.	Whitehead, John. 2002. An Introduction to Logistic Regression. (web page: <a href="http://personal.ecu.edu/whiteheadj/data/logit/">http://personal.ecu.edu/whiteheadj/data/logit/</a> ). 4/25/02: 63 pages.	

Examiner Signature	/James Martinell/	Date Considered	09/15/2008
--------------------	-------------------	-----------------	------------

sf- 1834604

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.M./

Substitute for form 1449/PTO				<i>Complete if Known</i>	
				Application Number	10/512,028
				Filing Date	April 24, 2003
				First Named Inventor	Jay WOHLGEMUTH
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	16	of	16	Attorney Docket Number	506612000103

	296.	Wu, J. et al. (1996) "Fas ligand mutation in a patient with systemic lupus erythematosus and lymphoproliferative disease" <i>J. Clin. Invest.</i> 98: 1107-1113.	
	297.	Xia, Dongyuan et al. (2001) "Real-Time Polymerase Chain Reaction Analysis Reveals an Evolution of Cytokine mRNA Production in Allograft Acceptor Mice" <i>Transplantation</i> 72 (5): 907-914.	
	298.	Yu et al. (2000) "Protein Synthesis-Dependent and Independent Induction of p69 2'-5'-Oligoadenylate Synthetase by Interferon- $\alpha$ ," <i>Cytokine</i> , 11(10): 744-750.	
	299.	Zhang, L. et al. (1997) "A New Interferon Regulatory Factor Associated with Epstein-Barr Virus Latency." <i>Molecular and Cellular Biology</i> , 17(10): 5748-5757.	
	300.	Zucker, S. et al. (1999) "Increased serum stromelysin-1 levels in systemic lupus erythematosus: lack of correlation with disease activity." <i>J Rheumatol.</i> 26 (1): 78-80.	

\*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	/James Martinell/	Date Considered	09/15/2008
--------------------	-------------------	-----------------	------------

sf- 1834604

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.M./